



DEPARTMENT OF THE AIR FORCE

Headquarters Electronic Systems Center (AFMC)
Hanscom Air Force Base, Massachusetts

15 February, 1996

MEMORANDUM FOR SEE DISTRIBUTION

FROM: PEO C3S PM TRCS
SFAE-C3S-TRC-BMD
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ESC/TG-4
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SUBJECT: JTIDS Class 2M Cost Working Group Meeting #2 [5 Feb 1996] Minutes

1. Joe Myslinski opened the meeting by discussing the agenda for the meeting as follows:
 - The importance of the COEA Waiver
 - Groups assigned to the parts of the POE
 - Methodology for costing the POE
 - Review of the CARD
2. Joe Myslinski stated that the COEA Waiver is being aggressively pursued primarily because there is no other alternative at this time other than doing nothing. Another point mentioned was that a COEA may not be required if MIDS did a COEA because that COEA would support Class 2M until MIDS is in Production.
3. It was agreed that Arnie Horowitz and PM-TRCS would take the lead in the Costing of the 2M Development costing and that that effort would be 95% complete within 30-45 days. The only areas requiring additional time would be in the area of Platform Integration and RDT&E-funded Production terminals. Ernie Coudert, ESC/FMC, suggested that the area of Platform Integration, especially work remaining, was an area that needed enhancement in the CARD.
4. It was agreed that the Production estimate would be a group effort (JPO & PM-TRCS) with specific work cells assigned to specific people accomplished at our next CWG. It was mentioned that primary and secondary methodologies would be pursued, where appropriate.
5. The CWG agreed that individual cost elements could be reconciled as they are completed and do not need to be done all at the same time. This will result in a smoother process.
6. Dr. Ahmed stated that the Cost and Economic Analysis Committee (CEAC) will NOT perform an independent Component Cost Analysis (CCA). If it is the CWG's desire for them to perform a CCA on an individual element(s) (cost driver, high risk area, etc.) then they would be happy to do that. CEAC completely supports the CWG's objective of streamlining the costing process.
7. The CWG Master Schedule was briefly discussed. Comments to improve were solicited, particularly from SAF/FMCC and OSD members of the CWG.

8. Steve Miller, OSD/PA&E, suggested that he'd be available as needed to discuss any concerns, questions, etc. from the CWG. If it is the desire of the CWG, Steve would make himself available prior to the Cost Analysis Improvement Group (CAIG) to stress areas of importance, make suggestions, etc.
9. The CWG agreed that we'd solicit direction from the Product Support (PS) IPT on 7 FEB 96 to confirm whether or not MIDS would be part of the costing effort. (Editors note: the PS IPT meeting on 7 FEB 96 directed the CWG to include the full impact of LINK-16, including MIDS, in the Cost Estimate, but MIDS and Class 2M costs should be segregated. Subsequent to that, the full PS IPT met on 13 Feb 96 and agreed that MIDS would NOT be part of the DAB costing, but, rather, would be done "informally" by the MIDS IPO/PM-TRCS. The MIDS costs would then be available if questions needed to be addressed.)
10. Major Pat Van Der Wissel, SAF/FMCC, suggested that the CWG invite members of the Army Budget Office (ABO) and Affordability Assessment people to participate in the CWG so that they become full players in the IPT. This strategy attempts to resolve any budgetary issues before they become a major impediment.
11. The CARD is out for review prior to issuance of a Draft version. Comments/suggestions are expected NLT 21 Feb 96.
12. The CWG meeting continued into Tuesday 6 FEB 96 with only PM-TRCS and JPO personnel in attendance. The purpose of this session was to go into detail on the CARD.
13. Prior to discussing the CARD, LTC Short met with the group. After a short briefing regarding the status of the CWG from the previous day LTC Short stated that he was expecting MIDS to be included in the Costing. This is necessary because a full LINK-16 picture needs to be painted for the Army decision makers. If only JTIDS Class 2M is included, then only half of the requirements would be up for discussion.

It was agreed that the CARD will cover the costing for the system of Army Link-16 compliant terminals. At this time this is envisioned to comprise of the JTIDS Class 2M and MIDS variant terminals. An Annex A (JTIDS) and ANNEX B (MIDS) would be tied together by a several page summary of the Army Link-16 Program. The MIDS IPO would be solicited for all effort related to MIDS. The cost estimates for each family of terminals will be segregated to avoid confusion between the options.

14. After some initial concerns about the length (i.e. page count) of the CARD were alleviated, the group was generally pleased with the 2M CARD. The following areas need to be addressed:
 - Product Improvement (PIP) and Data Reduction Program (DRP) Software need clarification as to work remaining, if on contract already, sizing, etc.
 - Mean Time Between Failure (MTBF), Section 1.3.1 needs clarification and definition of "Field" MTBF
 - System Activity Rates, Section 6.1, requires that all platforms are included. Also, operating hours for training locations must be included.
15. Ernie Coudert suggested that all remaining Development efforts be defined in a single section to preclude any work from being missed by either the CWG team or the OSD analyst.

16. The following action items were recorded:

<u>Action Item</u>	<u>OPR</u>	<u>Due Date</u>	<u>Tracking #</u>
Class 2M Development Estimate complete except for Platform Integration	Mr. Arnie Horowitz PM-TRCS	22 Mar 96	CWG-AI-003
CARD sections (MTBF, Activity Rates, S/W, Platform Integration work remaining) updated	Mr. Arnie Horowitz PM-TRCS	26 Feb 96	CWG-AI-004
CARD comments/suggestions, if necessary	Maj Van Der Wissel SAF/FMCC	21 Feb 96	CWG-AI-005
	Mr. Steve Miller OSD/PA&E		
CARD updated with all changes, grammar spelling, readability. All remaining Development efforts incorporated into a single section. Draft, 2M CARD issued	Mr. Kevin Sweeney JTIDS JPO	18 Mar 96	CWG-AI-006
Invite Army Budget Office (ABO) and Affordability Assessment to become members of the CWG. Also, MIDS IPO to be invited.	Mr. Joe Myslinski PM-TRCS	20 Feb 96	CWG-AI-007

//signed//
Mr. J. Myslinski
PM TRCS
Cost WG Co-Chair

//signed//
Mr. K. Sweeney
ESC/TG-4
Cost WG Co-Chair

Distribution
See next page for distribution

Attachments
1. Attendance

DISTRIBUTION

Name

Maj E. Johnson
LtCol C. Mayfield
Mr. Ernie Coudert
Mr. Bob Thompson
Mr. Kevin Sweeney
Mr. Tim Ascani
Mr Ken Freund
Ms A. Smith
LtCol K. Kraus
Mr. A. Newman
Ms I. Ng
Mr. Steve Miller
Ms J. Forman
Mr. Arnold Horowitz
Mr. Joe Myslinski
Mr. Howard Finch
Maj P. Van der Wissel
Dr. Altaf Ahmed
Mr Sher Dhaliwal

Organization

DACS-OPA(PAE)
DISC C4
ESC/FMC
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ESC/TG-4
ESC/TG-4
HQ AMC
HQ AMC
J8/ATD
ODASD(C3)/T&TC3
OSD Comptroller
OSD/PA&E
OUSD(API)/PM
PM TRCS
PM TRCS
PM-TRCS
SAF/FMCC
USA CEAC
USACEAC

Attachment 1 - Attendance

<u>Name</u>	<u>Organization</u>
Mr. Ernie Coudert	ESC/FMC
Mr. Bob Thompson	ESC/TG-4
Mr. Kevin Sweeney	ESC/TG-4
Mr Ken Freund	HQ AMC
Mr. Steve Miller	OSD/PA&E
Mr. Arnold Horowitz	PM-TRCS
Mr. Joe Myslinski	PM-TRCS
Mr. Howard Finch	PM-TRCS
Maj Pat Van Der Wissel	SAF/FMCC
Dr. Altaf Ahmed	USA CEAC